

I. AMENDMENTS

In the Claims

Please enter the following amendments to the claims without prejudice or disclaimer:

31 28. (Amended) The method of claim 50 wherein said irradiating step is performed by irradiating smooth muscle tissue in an asthmatic lung.

32 29. (Amended) The method of Claim 28, wherein said irradiating step is performed by emitting a light energy having a wavelength of about 240 nm to about 280 nm.

30. (Amended) The method of Claim 28, wherein said irradiating step is performed by emitting light energy having a wavelength in the red visible range.

33 31. (Amended) The method of Claim 28, wherein said irradiating step is performed by exposing the walls to radiation emitted by a radioactive pellet.

32. (Amended) The method of Claim 28, wherein said irradiating step is performed by moving an energy delivery device along the airway.

34 33. (Amended) A method for treating a lung comprising the step of irradiating the walls of an airway with a wavelength and intensity sufficient to cause debulking over time in mucus gland cells and preventing the mucus gland cells from replicating.

35 34. The method of Claim 33, wherein said irradiating step is performed by emitting a light energy having a wavelength of about 240 nm to about 280 nm.

35. The method of Claim 33, wherein said irradiating step is performed by emitting light energy having a wavelength in the red visible range.

36. The method of Claim 33, wherein said irradiating step is performed by exposing the walls to radiation emitted by a radioactive pellet.

37. The method of Claim 33, wherein said irradiating step is performed by moving an energy delivery device along the airway.

38. The method of claim 51 wherein said irradiating step is performed by irradiating smooth muscle of an esophagus.

39. The method of Claim 38, wherein said irradiating step is performed by emitting a light energy having a wavelength of about 240 nm to about 280 nm.

40. (Amended) The method of Claim 38, wherein said irradiating step is performed by emitting light energy having a wavelength in the red visible range.

41. (Amended) The method of Claim 38, wherein said irradiating step is performed by exposing the walls to radiation emitted by a radioactive pellet.

42. (Amended) The method of Claim 38, wherein said irradiating step is performed by moving an energy delivery device along the esophagus.

43. (Amended) The method of claim 51 wherein said irradiating step is performed on smooth muscle of an urethra.

44. (Amended) The method of Claim 43, wherein said irradiating step is performed by emitting a light energy having a wavelength of about 240 nm to about 280 nm.

45. (Amended) The method of Claim 43, wherein said irradiating step is performed by emitting light energy having a wavelength in the red visible range.

46. (Amended) The method of Claim 43, wherein said irradiating step is performed by exposing the walls to radiation emitted by a radioactive pellet.

47. (Amended) The method of Claim 43, wherein said irradiating step is performed by moving an energy delivery device along the urethra.

50. (Amended) A method of treating a lung to affect lung tissue comprising:
irradiating the walls of an airway of the lung with a wavelength and intensity which, over time, causes debulking of the lung tissue and prevents the lung tissue from replicating.

51. (Amended) A method of treating a body conduit having smooth muscle tissue comprising:

irradiating the walls of the body conduit with a wavelength and intensity which causes debulking of the smooth muscle tissue over time and prevents the smooth muscle tissue from replicating and

preventing spasms of the smooth muscle tissue by reduction of the smooth muscle tissue over time.

The above amendments are supported in the subject application and further clarify the invention. For example, page 6, lines 18-20, of the subject application provides "[t]his treatment does not cause an immediate effect but causes shrinking of the smooth muscle and opening of the